



THE DIAL CORPORATION  
CENTER FOR INNOVATION  
15101 NORTH SCOTTSDALE ROAD  
SCOTTSDALE, ARIZONA 85254

# Material Safety Data Sheet

| <b>I Product:</b> COMBAT® FLYING INSECT KILLER 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |               |                       |                                 |       |                  |                                                       |       |                  |                                                   |         |                                 |                                             |          |                                                                    |
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| <b>Description:</b> AEROSOL INSECTICIDE FOR CRAWLING INSECTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |               |                       |                                 |       |                  |                                                       |       |                  |                                                   |         |                                 |                                             |          |                                                                    |
| <b>Other Designations</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Distributor</b>                                                                  | <b>Emergency Telephone Nos.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |               |                       |                                 |       |                  |                                                       |       |                  |                                                   |         |                                 |                                             |          |                                                                    |
| Unscented and Pine Scent<br>EPA Reg. No. 64240-23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Combat Insect Control Systems<br>c/o The Dial Corporation<br>15101 N. Scottsdale Rd | MEDICAL: 1-866-338-8517<br>CHEMTREC: 1-800-424-9300 (24 Hours Daily)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            |               |                       |                                 |       |                  |                                                       |       |                  |                                                   |         |                                 |                                             |          |                                                                    |
| <b>II Health Hazard Data</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                     | <b>III Hazardous Ingredients</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |            |               |                       |                                 |       |                  |                                                       |       |                  |                                                   |         |                                 |                                             |          |                                                                    |
| <p>Harmful if swallowed or absorbed through skin. Direct or prolonged eye or skin contact may cause irritation. Inhalation of high concentrations may cause irritation of the respiratory tract, headaches, dizziness, nausea, vomiting, and malaise.</p> <p>No medical conditions are known to be aggravated by exposure to this product.</p> <p><b>FIRST AID:</b></p> <p><b>EYE CONTACT:</b> Hold eye open, and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes; then continue rinsing eyes.</p> <p><b>SKIN CONTACT:</b> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.</p> <p><b>INHALATION:</b> Move person to fresh air. If person is not breathing, call 911 or an ambulance; then give artificial respiration, preferably mouth-to-mouth, if possible.</p> <p><b>INGESTION:</b> Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.</p> <p>Call a poison control center or doctor for further treatment advice. Have the product container or label with you when call a poison control center or doctor, or when going for treatment.</p> |                                                                                     | <table border="1"><thead><tr><th>Ingredient</th><th>Concentration</th><th>Worker Exposure Limit</th></tr></thead><tbody><tr><td>Tetramethrin<br/>CAS # 7696-12-0</td><td>0.25%</td><td>Not established.</td></tr><tr><td><i>d</i>-(cis, trans)-Phenothrin<br/>CAS # 26002-80-2</td><td>0.15%</td><td>Not established.</td></tr><tr><td>Aliphatic hydrocarbon solvent<br/>CAS # 64742-48-9</td><td>3 - 10%</td><td>100 ppm - TLV-TWA<sup>ab</sup></td></tr><tr><td>Liquefied petroleum gas<br/>CAS # 68476-85-7</td><td>20 - 40%</td><td>1000 ppm - TLV-TWA<sup>a</sup><br/>1000 ppm - PEL-TWA<sup>c</sup></td></tr></tbody></table> <p><sup>a</sup>TLV-TWA = ACGIH Threshold Limit Value - Time Weighted Average<br/><sup>b</sup>Based on the ACGIH TLV-TWA for Stoddard solvent.<br/><sup>c</sup>PEL-TWA = OSHA Permissible Exposure Limit - Time Weighted Average</p> <p>None of the materials in this product are on the IARC, OSHA, or NTP carcinogen lists.</p> | Ingredient | Concentration | Worker Exposure Limit | Tetramethrin<br>CAS # 7696-12-0 | 0.25% | Not established. | <i>d</i> -(cis, trans)-Phenothrin<br>CAS # 26002-80-2 | 0.15% | Not established. | Aliphatic hydrocarbon solvent<br>CAS # 64742-48-9 | 3 - 10% | 100 ppm - TLV-TWA <sup>ab</sup> | Liquefied petroleum gas<br>CAS # 68476-85-7 | 20 - 40% | 1000 ppm - TLV-TWA <sup>a</sup><br>1000 ppm - PEL-TWA <sup>c</sup> |
| Ingredient                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Concentration                                                                       | Worker Exposure Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |               |                       |                                 |       |                  |                                                       |       |                  |                                                   |         |                                 |                                             |          |                                                                    |
| Tetramethrin<br>CAS # 7696-12-0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0.25%                                                                               | Not established.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |            |               |                       |                                 |       |                  |                                                       |       |                  |                                                   |         |                                 |                                             |          |                                                                    |
| <i>d</i> -(cis, trans)-Phenothrin<br>CAS # 26002-80-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0.15%                                                                               | Not established.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |            |               |                       |                                 |       |                  |                                                       |       |                  |                                                   |         |                                 |                                             |          |                                                                    |
| Aliphatic hydrocarbon solvent<br>CAS # 64742-48-9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 3 - 10%                                                                             | 100 ppm - TLV-TWA <sup>ab</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |               |                       |                                 |       |                  |                                                       |       |                  |                                                   |         |                                 |                                             |          |                                                                    |
| Liquefied petroleum gas<br>CAS # 68476-85-7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 20 - 40%                                                                            | 1000 ppm - TLV-TWA <sup>a</sup><br>1000 ppm - PEL-TWA <sup>c</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |            |               |                       |                                 |       |                  |                                                       |       |                  |                                                   |         |                                 |                                             |          |                                                                    |
| <b>IV Special Protection and Precautions</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                     | <b>V Transportation and Regulatory Data</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |               |                       |                                 |       |                  |                                                       |       |                  |                                                   |         |                                 |                                             |          |                                                                    |
| <p><b>Hygienic Practices:</b> Wash hands with soap and water after direct contact. Do not wear product-contaminated clothing for prolonged periods.</p> <p><b>Engineering Controls:</b> Use local or general ventilation to minimize exposure to product vapors.</p> <p><b>Personal Protective Equipment:</b> Wear safety glasses. Wear chemical-resistant (e.g. nitrile) gloves if handling product for prolonged or repeated periods. Use an appropriate respirator if exposure may exceed occupational exposure limits.</p> <p>Contents under pressure. Keep away from heat, sparks, and open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F/54°C may cause bursting. Store in a cool, dry area away from heat or open flame.</p> <p>Do not use in commercial food processing or preparation areas. In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Cover exposed food. Remove pets and birds, and cover fish aquariums before spraying.</p>                                                                                                                                                                                                                                                                                     |                                                                                     | <p><b>DOT:</b> Consumer Commodity ORM-D.</p> <p><b>IMDG:</b> Dangerous goods in limited quantities of Class 2, UN1950.</p> <p><b>IATA:</b> Aerosols, non-flammable, n.o.s., Class 2.2, UN1950</p> <p><b>EPA - SARA Title III/CERCLA:</b> This product is regulated under Sections 311/312. This product contains tetramethrin and <i>d</i>-(cis, trans)-phenothrin which are regulated under Section 313 and contains no chemicals which are regulated under Section 304/CERCLA.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            |               |                       |                                 |       |                  |                                                       |       |                  |                                                   |         |                                 |                                             |          |                                                                    |
| <b>VI Spill Procedures/Waste Disposal</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                     | <b>VII Reactivity Data</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |               |                       |                                 |       |                  |                                                       |       |                  |                                                   |         |                                 |                                             |          |                                                                    |
| <p><b>Spill Procedures:</b> Absorb and containerize. Do not wash down sanitary sewer.</p> <p><b>Waste Disposal:</b> Dispose of in accordance with all applicable federal, state, and local regulations.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                     | Stable under normal use and storage conditions.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |               |                       |                                 |       |                  |                                                       |       |                  |                                                   |         |                                 |                                             |          |                                                                    |
| <b>VIII Fire and Explosion Data</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                     | <b>IX Physical Data</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |               |                       |                                 |       |                  |                                                       |       |                  |                                                   |         |                                 |                                             |          |                                                                    |
| <p><b>Flash Point (liquid):</b> &gt;200°F (closed cup)</p> <p><b>Fire Extinguishing Agents:</b> Dry chemical, carbon dioxide (CO<sub>2</sub>), foam, or water spray.</p> <p><b>Fire and Explosion Hazards:</b> Containers may rupture at temperatures &gt;130°F/54°C.</p> <p><b>NFPA Aerosol Classification:</b> Level 1.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                     | <p>Specific gravity (liquid)..... ~0.99</p> <p>Solubility in water..... Appreciable</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |               |                       |                                 |       |                  |                                                       |       |                  |                                                   |         |                                 |                                             |          |                                                                    |